(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 14 April 2005 (14.04.2005)

PCT

(10) International Publication Number WO 2005/032643 A1

(51) International Patent Classification⁷: 5/32, 5/00

A61M 37/00,

(21) International Application Number:

PCT/AU2004/001362

- (22) International Filing Date: 6 October 2004 (06.10.2004)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2003905449

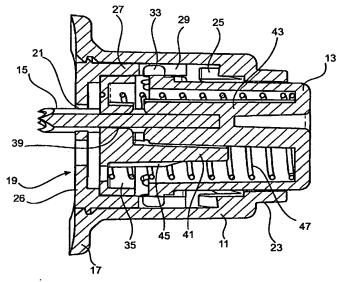
6 October 2003 (06.10.2003) AU

- (71) Applicant (for all designated States except US): EAST-LAND MEDICAL SYSTEMS LTD [AU/AU]; Unit 6, 680 Murray Street, West Perth, Western Australia 6872 (AU).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): BUNCE, Philip [AU/AU]; 9-15 Beverley Street, Portland, Victoria 3305 (AU).

- (74) Agent: WRAY & ASSOCIATES; Level 4, The Quadrant, 1 William Street, Perth, Western Australia 6000 (AU).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: INOCULATION DEVICE



(57) Abstract: An inoculation device comprising a body having a fixed portion (11) and a moveable portion (13), the fixed portion having a front face (26) the moveable portion supported from the fixed portion rearward of the front face, a needle (15) supported from the movable portion to be moveable on relative longitudinal movement of the movable portion with respect to the fixed portion, towards and away from the front face whereby free end of the needle is moveable between a retracted position at which the free end of the needle extends in front of the front face, said movable portion being biased to the retracted position, an indexing means (25, 29 and 33) provided between the moveable portion and the fixed portion to cause lateral movement of the needle relative to the longitudinal movement in association with the longitudinal movement of the needle



WO 2005/032643 A1



Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.